

**U.S. trade in R&D services, by affiliation and by selected region/country/economy: 2011**

(Millions of current U.S. dollars)

Affiliation and region/country/economy	Exports	Imports	Trade balance
Total	23,364	22,360	1,004
Unaffiliated	2,954	3,922	-968
Affiliated	20,410	18,438	1,972
U.S. parents from/to their foreign affiliates	11,557	15,312	-3,755
U.S. affiliates from/to their foreign parent groups <sup>a</sup>	8,853	3,127	5,726
All regions/countries/economies	23,364	22,360	1,004
Canada	548	1,945	-1,397
Europe	15,157	10,411	4,746
Belgium-Luxembourg	1,039	903	136
France	336	1,203	-867
Germany	677	992	-315
Ireland	3,741	1,058	2,683
Italy	328	295	33
Netherlands	1,325	1,122	203
Norway	169	88	81
Spain	97	236	-139
Sweden	1,124	174	950
Switzerland	4,458	955	3,503
United Kingdom	1,001	2,440	-1,439
Other	863	944	-81
Latin America and OWH	3,274	1,750	1,524
Central and South America	262	1,586	-1,324
Argentina	18	147	-129
Brazil	40	528	-488
Chile	7	59	-52
Mexico	105	464	-359
Venezuela	12	11	1
Other	82	377	-295
OWH	3,012	165	2,847
Bermuda	2,162	109	2,053
Other	850	55	795
Africa	305	377	-72
South Africa	41	65	-24
Other	264	311	-47
Middle East	368	1,293	-925
Israel	106	1,258	-1,152
Saudi Arabia	33	2	31
Other	228	32	196
Asia and Pacific	3,711	6,583	-2,872
Australia	114	345	-231
China	89	1,287	-1,198
Hong Kong	78	67	11
India	32	2,109	-2,077
Indonesia	55	12	43
Japan	2,413	1,376	1,037
Malaysia	208	373	-165
New Zealand	2	22	-20
Philippines	10	22	-12
Singapore	10	515	-88
South Korea	189	152	37
Taiwan	49	247	-198
Thailand	28	23	5
Other	16	34	-18

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International organizations and unallocated	1	*	NA
Addenda			
EU	10,418	9,128	1,290

\* = ≤ \$500,000; NA = not available.

EU = European Union; OWH = other Western Hemisphere.

<sup>a</sup> In addition to transactions with its foreign parent, a U.S. affiliate's exports and imports include transactions with other members of its foreign parent group. The foreign parent group is defined as (1) the foreign parent; (2) any foreign person, proceeding up the foreign parent's ownership chain, that owns more than 50% of the foreign person below it, up to and including the ultimate beneficial owner; and (3) any foreign person, proceeding down the ownership chain(s) of each of these members, that is owned more than 50% by the person above it.

NOTES: Trade balance is exports minus imports. Detail may not add to total because of rounding or minor discrepancies.

SOURCE: Bureau of Economic Analysis, U.S. International Services, Benchmark Survey of Transactions in Selected Services and Intellectual Property with Foreign Persons, [http://www.bea.gov/international/international\\_services.htm](http://www.bea.gov/international/international_services.htm), accessed 15 January 2013.